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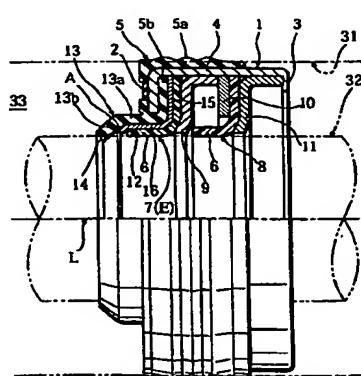
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**(54) Rotation shaft seal**

(57) A rotating shaft seal provided with a seal element (E), arranged between a housing (31) and a rotation shaft (32), which contacts the rotation shaft (32), and a seal member (5) made of rubber having a lip end portion (13b), disposed on a fluid storing chamber (33) side to the seal element (E), which contacts the rotation shaft (32), comprising a supporting metal (12) for supporting a rear face of the seal member (5) of rubber. .

Fig. 1





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## EUROPEAN SEARCH REPORT

Application Number  
EP 99 12 3169

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<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
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CATEGORY OF CITED DOCUMENTS			
<p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p>			
<p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons &amp; : member of the same patent family, corresponding document</p>			

ANNEX TO THE EUROPEAN SEARCH REPORT  
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